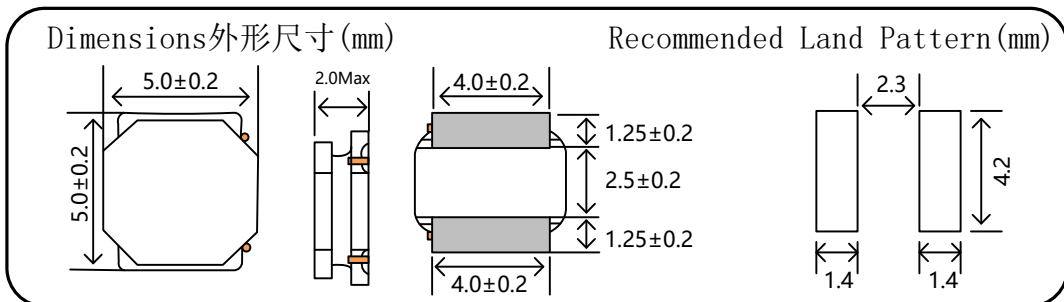
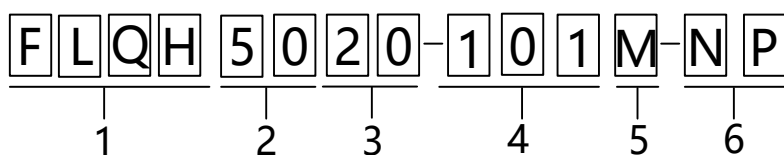




Type: FLQH5020



PRODUCT IDENTIFICATION/產品標識



- 1.Product symbol/產品類型 : FLQH(shield/屏蔽)
- 2.Body length/產品長度 : mm
- 3.Body height/產品高度 : mm
- 4.Inductance/感量 : μH
- 5.Tolerance/公差 : M $\pm 20\%$, N $\pm 30\%$
- 6.RoHs Compliant(SGS Certified)

本產品滿足環境保護要求(有害物質限用)



FEATURES:

- Quantity/reel:2500PCS.
- Square 5.0mm type(5.2mm Max),Height 2.0mm Max.
- Magnetic-resin shielded construction reduces buzz noise to ultra-low levels.
- Widely use in DC-DC converter/Notebook/Camcorders, HDTV .

特長:

- 數量/卷:2500PCS.
- 方形5.0mm(5.2mm Max),高度2.0mm Max.
- 磁性樹脂屏蔽結構將噪聲降至超低水平.
- 廣泛應用於升降壓轉換器/筆記本電腦/攝像機, 高清電視.

ELECTRICAL CHARACTERISTICS/電氣特性

Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH5020-R22	0.22	N	0.011	280	9.00	5.30
FLQH5020-R24	0.24	N	0.011	248	8.00	5.30
FLQH5020-R47	0.47	N	0.017	160	6.15	4.60
FLQH5020-R56	0.56	N	0.022	137	8.50	3.80
FLQH5020-R68	0.68	N	0.022	120	5.50	4.00
FLQH5020-R75	0.75	N	0.022	117	5.50	4.00
FLQH5020-1R0	1.0	N	0.026	114	4.10	3.80
FLQH5020-1R2	1.2	N	0.029	83	4.10	3.55
FLQH5020-1R5	1.5	N	0.034	68	4.10	3.20
FLQH5020-2R2	2.2	N	0.042	57	3.20	2.90
FLQH5020-2R7	2.7	N	0.049	52	2.90	2.70
FLQH5020-3R0	3.0	N	0.049	49	2.55	2.70
FLQH5020-3R3	3.3	N	0.056	46	2.55	2.50
FLQH5020-3R6	3.6	N	0.056	43	2.80	2.50
FLQH5020-3R9	3.9	N	0.056	40	2.30	2.50
FLQH5020-4R3	4.3	M	0.074	37	2.50	2.20
FLQH5020-4R7	4.7	M	0.074	37	2.50	2.20
FLQH5020-5R1	5.1	M	0.083	32	2.25	2.05
FLQH5020-5R6	5.6	M	0.083	32	2.30	2.05
FLQH5020-6R8	6.8	M	0.108	30	2.05	1.80
FLQH5020-7R5	7.5	M	0.117	26	1.85	1.75
FLQH8020-8R2	8.2	M	0.127	26	1.85	1.65
FLQH5020-9R1	9.1	M	0.143	24	1.70	1.55
FLQH5020-100	10	M	0.143	24	1.70	1.55
FLQH5020-120	12	M	0.182	22	1.50	1.40
FLQH5020-150	15	M	0.215	20	1.35	1.25

Inductance Range/電感範圍:0.22~200 μH

Operating Temperature/工作溫度:-40°C ~ +125°C

Storage Temperature/儲存溫度:-40°C ~ +125°C

(1) Test frequency :100KHz/1.0V;

(2) The maximum allowable current is a DC current which causes initial inductance to decrease by 30%,or temperature to rise by 40°C, whichever is smaller(At ambient reference temperature:25°C).

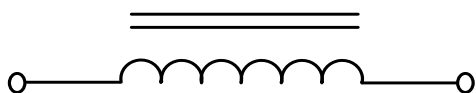
(1) 電感測試頻率:100KHz/1.0V;

(2) 最大容許電流定義:電感下降30%或溫度上升40°C時,取其小值作為最大容許電流(周圍環境溫度25°C).

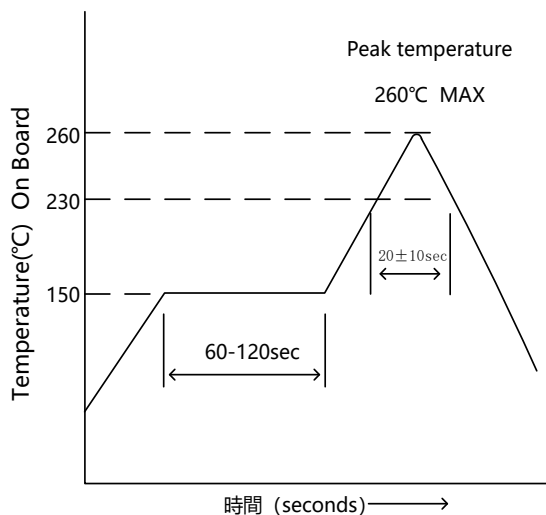


Part NO. 品名	Inductance 電感量(μH)	Tolerance 公差(%)	RDC 直流電阻 Max(Ω)	SRF(MHz) Min.	I sat(Max) 飽和電流(A)	I rms(Max) 溫升電流(A)
FLQH5020-180	18	M	0.260	16	1.25	1.15
FLQH5020-220	22	M	0.294	14	1.15	1.10
FLQH5020-330	33	M	0.507	10	0.92	0.90
FLQH5020-470	47	M	0.680	7	0.77	0.77
FLQH5020-560	56	M	0.819	6	0.77	0.70
FLQH5020-680	68	M	0.962	6	0.65	0.64
FLQH5020-820	82	M	1.158	6	0.65	0.50
FLQH5020-101	100	M	1.430	6	0.53	0.53
FLQH5020-121	120	M	1.755	6	0.42	0.40
FLQH5020-201	200	M	2.600	4.5	0.30	0.40

Electrical Schematic/原理圖



Recommended Temperature Conditions of Air Reflow Soldering/推薦回流焊溫度條件



In addition to the standards versions shown here, custom inductors are also available to meet your exact requirements.

除了這裡顯示的標準品之外,可根據客戶要求進行設計.

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